



## Teaching and Learning Activity



### G5 – Ecological Farming

Introduction	This is part of "Sustainable nutrition and consumption" a school project to build practical experience of the link between organic farming, ecology and sustainable healthy food. Crops produced are used to expand the current "Healthy Break" snacks on offer through the student company initiative.		
Learning Objectives:	<ul style="list-style-type: none"> <li>• from grain to hen to egg – the ecological circle</li> <li>• the advantages of local organic farming</li> <li>• Biodiversity and species diversity</li> <li>• Renewable energy: solar and hydroelectric power</li> </ul>		
EntreComp Area	Ideas & Opportunities	Resources	Into Action
EntreComp Competence:	Spotting opportunities Creativity Vision Valuing Ideas Ethical & sustainable thinking	Self Awareness and selfefficacy Motivation and perseverance Mobilizing resources Financial & economic literacy Mobilizing others	Taking the initiative Planning and management Coping with uncertainty, ambiguity and risk Working with others Learning through experience
Vocabulary	ecological, organic farming, biodiversity, renewable energy, solar hydroelectric power		
Resources required	school garden, contact to local organic farms, educational program farm experience		
Curriculum Links	Biology, geography		
Teacher Notes	The 7th/8th classes plan to deal with agriculture. The topic can be developed in biology and geography lessons. This is followed by a visit to a local organic farm. Afterwards pupils gain practical experience growing fruit and vegetables in the school garden of the Dr.-Jaufmann Middle School. A comparison with conventional agriculture is also embedded into the learning programme.		